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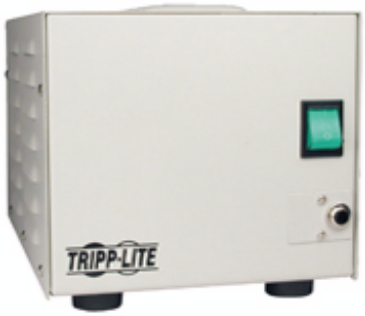
Model #: IS1000HG

Isolation Transformer - Medical Grade line noise reduction and spike suppression



Highlights

- Complete line isolation, noise filtering and surge suppression; ideal for sensitive equipment
- 1000 watts, 4 outlets, 6-ft. power cord
- Hospital-grade plug and receptacles
- 2-year limited product warranty

Description

Isolator Series UL60601-1 Listed Medical Grade Isolation Transformers offer line isolation, continuous noise filtering and enhanced common mode surge suppression. An internal low-impedance isolation transformer component offers 100% isolation from the input AC line. Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator medical-grade transformers ideal for protection of sensitive electronic equipment in patient-care areas. Faraday shield reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps. Secondary neutral-to-ground bonding virtually eliminates common mode noise, providing an isolated neutral-ground reference for sensitive equipment, and an inexpensive alternative to dedicated circuits and site electrical upgrades. Removes EMI/RFI noise, utility switching transients and harmonics generated by other on-site loads and utility or lightning related surge conditions. Additional surge suppression components placed at the line input and output combined with full line isolation offer continuous filtering of a full range of power line noise in all modes. Active transformer filtering provides continuous common-mode noise rejection with no wearable parts. Unique ability to reduce surges in the worst of power environments to harmless levels. Reduces 6000V IEEE587 Cat A&B ring wave and combination wave test surges to only 0.5V common mode. Model IS1000HG includes 4 widely spaced NEMA 5-15R hospital-grade output receptacles, a 6-ft. power cord, hospital-grade input plug, circuit breaker overload protection, and lighted power switch. Rugged all-metal unit housing; ships ready for placement in any industrial, medical, office or network environment. 2-year warranty.

PLUG/OUTLETS: Input—NEMA 5-15P Hospital Grade; Output—4 NEMA 5-15R Hospital Grade

ELECTRICAL: 120V AC, 60Hz, 2.1A (Requires NEMA 5-15R wall receptacle)

FORMAT: Upright tower

ISOLATION: Transformer-based line isolation with Faraday shield

Package Includes

- IS1000HG Isolation Transformer
- Instruction manual with warranty information

Features

- The IS1000HG Medical Grade Isolation Transformer offers line isolation, continuous noise filtering and enhanced common mode surge suppression

- Internal low-impedance isolation transformer with Faraday shield offers 100% isolation from the input AC line
- Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator Hospital Grade transformers ideal for the protection of sensitive electronic equipment in patient-care areas
- Reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps
- Secondary neutral to ground bonding eliminates common mode noise, providing an isolated ground reference for sensitive equipment
- Serves as an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, load generated harmonics and ground loops
- Additional surge suppression components placed at the line input and output combined with full line isolation offers continuous filtering of a full range of power line noise in all modes
- Active transformer filtering offers continuous common-mode noise rejection with no wearable parts, uniquely able to reduce surges in the worst of power environments to harmless levels
- Reduces 6000V IEEE587 Cat A&B ring wave and combination wave test surges to only 0.5V common mode
- Includes 4 widely spaced NEMA5-15R hospital grade output receptacles, a 6-ft power cord, hospital grade input plug, circuit breaker overload protection and lighted power switch
- Rugged all-metal unit housing; ships ready for upright tower placement in any industrial, medical, office or network environment
- 2-year limited product warranty

Specifications

OVERVIEW	
Amp Capacity	8.3A at 120V AC
Efficiency	96%
Form Factor	Small tower format
Input Plug Type	NEMA 5-15P-HG Hospital-Grade
Leakage Current	Less than 100 microamps
Let-through Voltage (Combination Wave)	L-N: 250V L-G: 250V N-G: 0.5V
Let-through Voltage (Ring Wave)	L-N: 20V L-G: 20V N-G: 0.5V
Noise Suppression Rating	35-65 DB
Nominal Voltage / Frequency	120V / 60Hz
Output Receptacle Qty / Type	4 NEMA 5-15R-HG Hospital-Grade
Over Current Protection	9.0A circuit breaker
Shipping Weight	58.00 lbs /26.31 kg
Suppression Joule Rating	680 (510 input/170 output)
Surge Test Conditions	Per ANSI/IEEE C62.41 - IEEE587 Cat. A & B test waveforms
Total Harmonic Distortion	Less than 1%
Transformer Type	Medical-grade, low impedance transformer-based line isolation transformer
Unit Dimensions (HWD/in.)	7.75 x 7.25 x 10.5
VA / Watt Capacity	1000
Warranty	2-year limited product warranty
INPUT	
Input cord length	6.00 ft./1.83 m
PHYSICAL	
Cooling method	Convection

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=231.

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